

GTCATCGAAG CCTACAAGGC CCTCCGTGAC CGANCTCCCT ATCCTCCCAG CTTCATGCTC 420
 GCACACCTTA TTGGCAACTT CGCCTTCGTG CTCTTCGACA AGTCCACATC ATCCATCCTT 480
 5 GTTTGCATCT GACCCANATG GAAAAATGCC CTTGTTCTGG GGGATCACTG CANATGGATG 540
 CCTTGCCTTT GCTGACNATC TANACTTGCT GAAGGGATCG TGCGGGAANT CACTTGCACA 600
 10 TTCCCTGAAN GATGTTACTA TTCCAATGCC TTGGGGGGGC TGAAAANCTA TGAAAACCCA 660
 ANCACAAGGT GACTGCTGTC TTGAANATAA AGAAAAATTT TTTGTGCCCC TTTCAAGGTT 720
 GAANGATCTG CATTCTTGCG GCACCCCTN ATCNAGGAAC NTCNTNCCAA TGTTGGGGCA 780
 15 AATATCCTCT TTAAAANCAT AAAA 804

(2) INFORMATION FOR SEQ ID NO: 57:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 803 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: cDNA

(vii) IMMEDIATE SOURCE:

- (B) CLONE: U-D64

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 57:

35 GGCACGAGGG ATTATAAAAA GAAACTCGCA CTCAGCCAGA TTGACTCAAG CATGAAGGTT 60
 GCATCTTTTCG AATGTTCCCTT TTTTTCCTCAA CATCTTTTGA ATGTTACATG ACAATCATGA 120
 40 CGCCGTGCAT ACAATGATAC CTCTGATAGG GTTGAATGCA CAAACCACTC ATCGTGCTAT 180
 ATTGCAAGTG CTTATGTTTG TATTCAATTTT CTTATAATTT CAATGTGAGA GTTACCTTAG 240
 GTTCATATTA GATTTATATA ATATTGGGCA TAGATTTTTT TGTATTGTT TGTGATCTGC 300
 45 AATTTTCATTA GGTCATCGAC CATATTATGG TAAATTTAAT TTAATAAATT ATATCTTGAG 360
 TTTATTGCTT TGCATATTTT GTGCTGGAAA CCATGCCAAT CCAACTCCTT TGCAAACTT 420
 50 AAGATAATTA AAGGAGATAT TGAGGATGCC GACTGCTTTA GGTTATTTGC ATTANACAAT 480
 AAACGCCCCGT GAAATGGAAA TCATGCNAAG CTTTGCATGG AGAATATGTT NATAGANATA 540
 GACATGAAGA CATGAATATG CTTTCTTGAT GAACAACGAA GTTCACNTGT TTAATGCATG 600
 55 CATGATACAT CCAATGTTCT AGGCTTGTTA GGCAACCTTT ATCCAAAAAA TTGTCTGTAC 660
 TCTCCCCCAT AAGGTAAGCC TGTGAAAAT GTTCACTTTG GGCCNNATGA TCAGTTTANC 720
 60 CGAAAATCCC CCTTCNTTAT TTGTTTTCTG AAACNCNTTG GAAANANATT CCTTACATAC 780
 CTTTTTCACN NANATNTTGA ACC 803